

M12 Power Double-ended connector, 5-pins, K-coded

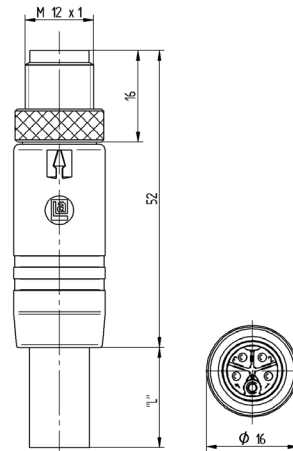
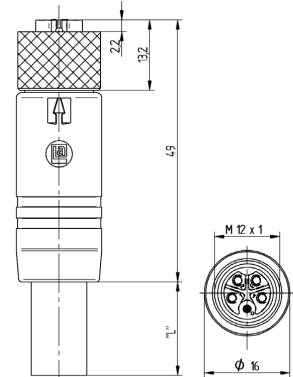
RSTS 5K-RKTS 5K



5-Pole

M12 power cordset male straight to female straight, 5-pins, K-coded, shielded, 630 V, black or blue overmold

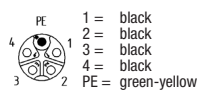
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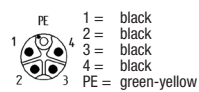
Pin Assignments

M12 K-coded

RKTS 5K (female)



RSTS 5K (male)



Be Certain with Belden

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Technical Data

Environmental

Degree of protection IP65, IP67, IP69K
Operating temperature range -40°C to +125°C

Type

Type contacts female/male
Number of contacts 4 (3+PE); K - Coding
Standard IEC 61076-2-111
Construction type K-coded
Conductor size 1.5 mm²
Color contact bearer K: blue

Mechanical

Over molding TPE, blue or black
Contact bearer PBT GF
Contact CuNi
Contact plating Cu/Au
Screw Coupling Material CuZn
O-ring FKM
Surface coupling nut Cu/Ni
Shielding sleeve CuZn, plating: Ni

Electrical data

Contact resistance ≤ 10 mΩ
Rated Current 16 A (1.5 mm² and 2.5mm²)
10 A (0.75 mm²)
Rated voltage 630 V
Insulation resistance > 10⁹ Ω
Pollution degree 3 acc. to DIN EN 60664-1 (VDE 0110-1)

Flammability class

over molding UL 94 HB
Contact bearer UL 94 V-2

Approvals

VDE DIN EN 61984: in preparation
UL K-Coding (Pending)

Cable Specifications

Cable No.	Outer Jacket	Conductor Size	Gauge	Jacket Color	Shield	OD
910	PUR, halogen-free	5 x 1.50 mm ²	16	Black	Braid	0.409" (10.4 mm)

Part Number	Pins	Shielding	Overmold	Gauge	Standard Cable Lengths	Characteristics
RSTS 5K-RKTS 5K-910/...M	5K	Shielded	Blue	16	2M / 5M / 10M	
RSTS 5K-RKTS 5K-910/...M SW	5K	Shielded	Black	16	2M / 5M / 10M	